

CURRICULUM VITAE

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Dr.-Ing. Dipl. Phys.

Karlsruhe Institute of Technology (KIT)

Member of the Board of Directors

Head of Division "Natural and Build Environment"

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Professional Career

- As of 2014 Member of the Board of Directors of KIT, Head of Division "Natural and Build Environment", responsible for faculties (schools) on Civil Engineering, Geosciences, Environment Sciences and Architecture as well as for Helmholtz research programs "Renewable Energies" (RE), "Energy Efficiency" (EMR) and "Atmospheric and Climate Research" (ATMO)
- 2011 - 2013 Chief Science Officer (CSO, Bereichsvorstand), Karlsruhe Institute of Technology (KIT: some 9.500 staff and some 870 mio Euro budget), a merger of University Karlsruhe and Forschungszentrum Karlsruhe
- 2006 - 2010 Research Director for Energy and Environment Programs, Forschungszentrum Karlsruhe GmbH (National Lab, member of Helmholtz-Association)
- 1994 - 2006 Director General Management, Fraunhofer Institute for Chemical Technology (ICT), Deputy director Environmental Engineering department (ICT)
- 1998 - 2000 Co-ordinator Fraunhofer Center for Energy and Environment, Pittsburgh, Pennsylvania, USA
- 1989 - 1994 Department director "Materials Physics, Characterization and Testing", Member of the Institute Steering Committee ILA
- 1987 - 1989 Group leader "Environmental qualification", Deputy director of "Materials Physics", Assistant to the institute's CEO, Fraunhofer ICT
- 1980 - 1987 Research fellow, project leader environmental engineering, Fraunhofer ICT, Pfingztal

Appointments and Honorary Duties

- 2016 European Physical Society (EPS): Advisory Board on Science Policy
- 2015 German Physics Society (DPG): elected member of the Council of the Board (Vorstandsrat)
- 2014 Coordinator Helmholtz Initiative "Urban Research"
- 2014 German Physics Society (DPG): elected deputy chairman of the Energy Committee
- 2014 Center for Disaster Management and Risk Reduction Technology (CEDIM): Chairman
- 2014 DIN Council on Research, Innovation, Development, chairman
- 2013 German HALO High Altitude and Long Range Research Aircraft – Kuratorium (Supervisory Board)
- 2013 German National Platform "Future Cities", steering committee, German government
- 2013 German Physics Society (DPG): Presidents Advisory Council on Science Communication
- 2013 Zugspitze Lab (Schneefernerhaus) – Konsortialrat (Supervisory Board)
- 2010 European Institute for Innovation and Technology (EIT): Chairman of KIC InnoEnergy SE
- 2009 International Management Board "Helmholtz – Alberta – Initiative" (HAI)
- 2009 - 2012 Helmholtz Topic Speaker on Bioenergy
- 2009 German Physics Society (DPG): Member of the Energy Committee (AKE)
- 2008 Co-Coordinator of Helmholtz Alliance on Sustainable BioEconomy
- 2008 - 2015 KIT Scientific Speaker on Renewable Energy
- 2006 - 2009 Scientific Speaker of the Helmholtz Program "Environment, Sustainability and Technology"
- 2005 President "Gesellschaft für Umweltsimulation" (Association for Environmental Engineering)
- 2004 Lecturer on Sustainable Product Engineering, Technical University of Stuttgart, SIMT, and KIT; Lecturer on Environmental Engineering, Technical University of Nürnberg (Nuremberg)

Awards

- 2012 Appointment as Member of the Honorary Senate of the German Standardization Institute DIN
- 2012 Fraunhofer Airbag Award for his overall contributions to airbag technologies
- 2007 IPASS Award (France) for merits on the development of airbag technology
- 2006 Fraunhofer Airbag Award for the establishment of the world largest AIRBAG Symposium
- 2004 DIN Ehrennadel (Honor Pin) for outstanding contributions to standardization
- 2003 Fellow of the USA Institute of Environmental Sciences and Technology IEST

Academic Education

- 1987 Dr.-Ing.; Thesis: "A Contribution to the Analysis of Transportation Loads"
- 1971-1979 Studies of Physics (Diploma), University of Karlsruhe (TH)